

TRANSMITTAL LETTER TO THE UNITED STATES  
 DESIGNATED/ELECTED OFFICE (DO/EO/US)  
 CONCERNING A FILING UNDER 35 U.S.C. 371

030196/0A US

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

10/021,425

INTERNATIONAL APPLICATION NO  
 US0151070

INTERNATIONAL FILING DATE  
 10-26-01

PRIORITY DATE CLAIMED  
 10-30-00

TITLE OF INVENTION

ASPERGILLUS OCHRACEUS 11 ALPHA HYDROLASE AND OXIDOREDUCTASE

APPLICANT(S) FOR DO/EO/US

Bolten et al.

Bolten et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 20 below concern document(s) or information included:**

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

Postcard

<p>24. The following fees are submitted.</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b></p> <p><input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1060.00</b></p> <p><input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$900.00</b></p> <p><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$750.00</b></p> <p><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$720.00</b></p> <p><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b></p>	<p><b>CALCULATIONS PTO USE ONLY</b></p>
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<p><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30</p>	<p><b>\$900.00</b></p>
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	136 - 20 =	116	x \$18.00	<b>\$2,088.00</b>
Independent claims	68 - 3 =	65	x \$84.00	<b>\$5,460.00</b>
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>				<b>\$280.00</b>

<b>TOTAL OF ABOVE CALCULATIONS =</b>	<b>\$8,728.00</b>
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	<b>\$0.00</b>
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<b>SUBTOTAL =</b>	<b>\$8,728.00</b>
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Processing fee of \$130.00 for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30	<b>\$0.00</b>
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<b>TOTAL NATIONAL FEE =</b>	<b>\$8,728.00</b>
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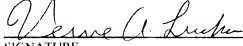
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>	<b>\$0.00</b>
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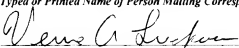
<b>TOTAL FEES ENCLOSED =</b>	<b>\$8,728.00</b>
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	Amount to be refunded	\$
	charged	\$

- a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **19-1025**. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

<p>SEND ALL CORRESPONDENCE TO:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>Pharmacia Corporation</b>  <b>Corporate Law Department</b>  <b>P.O. Box 1027</b>  <b>Chesterfield, MO</b></p> </div> <div style="margin-top: 20px; text-align: center;">   <p><b>26648</b>  <small>PATENT TRADEMARK OFFICE</small></p> </div>	<div style="text-align: center; margin-top: 20px;">   <p>SIGNATURE</p> </div> <p><b>Verne A. Luckow</b></p> <p>NAME</p> <p><b>45,950</b></p> <p>REGISTRATION NUMBER</p> <p><b>April 30, 2003</b></p> <p>DATE</p>
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<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. S03196/0Z US	
Applicant(s): Bolten et al.				
Serial No. TBA	Filing Date April 30, 2003	Examiner TBA	Group Art Unit TBA	
Invention: ASPERGILLUS OCHRACEUS 11 ALPHA HYDROLASE AND OXIDOREDUCTASE				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"><p>Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35U.S.C. 371, Copy of International Preliminary Examination Report, Copy of Publication with Sequence Listing and Postcard</p></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;">April 30, 2003 <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p>Verne A. Luckow <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p>EV237045677US <i>("Express Mail" Mailing Label Number)</i></p></div>				
<p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>				